

ORIGINAL

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In re

Mauna Kea Broadcasting Company

Must-Carry Complaint Regarding
Television Station KLEI-TV,
Kailua-Kona, Hawaii

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CSR-8658-M
Docket No. 12-167

Accepted / Filed

FEB -2 2018

To: Office of the Secretary
Attn: Chief, Media Bureau

DOCKET FILE COPY ORIGINAL

Federal Communications Commission
Office of the Secretary

RENEWAL OF MUST CARRY COMPLAINT

Mauna Kea Broadcasting Company, Inc. ("Mauna Kea"), pursuant to Section 614 of the Communications Act of 1934, as amended, and Sections 76.7 and 76.61 of the Commission's Rules, hereby renews its Complaint requesting that the Commission order Oceanic Time Warner Cable LLC and/or its subsidiaries and affiliates ("Spectrum") to commence carriage – immediately – of commercial television station KLEI-TV, licensed to serve Kailua-Kona, Hawaii (the "Station") on each and every one of the cable systems ("Systems") which: (a) are operated by Spectrum and (b) serve communities located within the Honolulu, Hawaii Designated Market Area (the "DMA"), including without limitation systems serving Oahu, Maui, Molokai, Lanai, Hilo and Kauai. Such mandatory carriage is in accordance with the Commission's must carry rules and policies and with the Commission's Memorandum Opinion and Order, *Mauna Kea Broadcasting Company*, 27 FCC Rcd 13188 (Policy Div. 2012) ("*Carriage Order*").

The Station's right to carriage throughout the State of Hawaii has been unequivocally established in the *Carriage Order*. The only factor relieving Spectrum of its carriage obligations vis-à-vis the Station was the fact that, in 2012, the Station did not deliver a good quality signal to Spectrum's Honolulu headend, from which, Mauna Kea understands, Spectrum feeds all of its

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systems throughout Hawaii. That problem has since been eliminated, as Mauna Kea expressly notified Spectrum by letter dated September 28, 2017. *See* Attachment A. The Station's signal is now carried on a multicast subchannel of Station KKAI, Kailua, Hawaii, which delivers a good quality over-the-air signal to Spectrum's Honolulu headend. Since the *Carriage Order* mandated that Spectrum commence carriage of the Station within 60 days of delivery of a good quality KLEI-TV signal to Spectrum's headend, the Station was entitled to carriage no later than November 27, 2017, *i.e.*, within 60 days of Mauna Kea's notice to Spectrum.¹ Spectrum failed to initiate carriage by that date, and has failed to do so continuously since then.

In its September 28, 2017 notification letter to Spectrum, Mauna Kea also advised Spectrum that Mauna Kea was electing mandatory carriage of KLEI-TV for the next three-year carriage cycle commencing as of January 1, 2018. Spectrum has failed to honor that election, in plain violation of both the Commission's must carry rules and the *Carriage Order*.

Mauna Kea is, simultaneously herewith, sending Spectrum a letter demanding carriage pursuant to Section 76.61(a)(1) of the Commission's rules. Mauna Kea understands that, ordinarily, Spectrum would have 30 days (pursuant to Section 76.61(a)(2)) within which to respond. In the circumstances presented here, though, Mauna Kea submits that *immediate* intervention by the Commission is warranted. Spectrum has, after all, been subject to a specific order to carry KLEI-TV for more than five years already. Mauna Kea has satisfied the one condition to carriage set out in the 2012 *Carriage Order*.

Spectrum should not be permitted to shirk its well-established carriage obligations by forcing Mauna Kea into a re-run of procedural delays which Mauna Kea already suffered through

¹ Carriage of KLEI-TV will not cause the Systems to exceed the maximum number of signals a cable system is required to carry under the FCC's must carry rules. KLEI-TV does not and will not share a broadcast network affiliation with, or substantially duplicate the programming of, any other local commercial broadcast television station in the DMA.

more than five years ago. Further delay will merely reward Spectrum for its continuing unlawful failure to meet the rudimentary requirements of the Communications Act and the Commission's Rules. Rather, the Commission should act now to enforce the longstanding *Carriage Order* by requiring Spectrum to immediately commence carriage of KLEI-TV on all of Spectrum's systems throughout Hawaii in the same manner in which those systems carry other local over-the-air broadcast signals.

Equal treatment for all similarly-situated over-the-air stations is important because of the disparate treatment that Spectrum has historically accorded the Station. While Spectrum has carried KLEI-TV on its Kailua-Kona system, it has (as the Commission is aware) refused carriage on its other Hawaii systems because the Station supposedly did not provide Spectrum a good quality signal. But Mauna Kea offered to make arrangements through Hawaii Telecomm to deliver the station's signal to the Spectrum headend by fiber – as other stations reportedly do – and Spectrum declined, insisting instead that any such fiber connection would have to be arranged through Spectrum's own facilities, subject to ridiculously onerous terms that made it practically unfeasible. If Spectrum does not impose similarly onerous terms on other must-carry stations and other program suppliers, it should be barred from doing so with the Station.

Additionally, the means by which Spectrum has historically delivered must-carry signals to its subscribers have, in Mauna Kea's experience, been curiously disparate, and recent announcements by Spectrum suggest that that may continue. In the past, Spectrum has enabled viewing of some, but not all, local television signals without the need for a set-top box; subscribers not needing a set-top box could access those channels simply by plugging the cable line directly into their television receivers. KLEI-TV has not been among the stations accessible without a set-up box.

In 2017, Spectrum announced that it was planning to convert its service to “a 100% digital format”. *See* Attachment B. Subscribers were advised that, because of that conversion, they would be required to acquire and install a “Spectrum Receiver (or set-top-box) on each TV” in their homes by November 15, 2017, or they “will lose the ability to view a number of channels”. *Id.* The channels that would no longer be available included the multiple local television stations that have, according to Spectrum’s notice, historically been available to subscribers who simply plug the cable line into the back of their receivers. According to one Spectrum subscriber on Oahu, however, as of January 30, 2018, Spectrum programming is still fully accessible by running the cable line directly into the television.² *See* Attachment A.

Since the cost of each Spectrum Receiver is expected to be approximately \$10 per unit, and a separate Receiver is required for each separate television set, the additional cost to subscribers is likely to be considerable.³ Obviously, if any local television stations may, notwithstanding Spectrum’s promotional materials, be accessed by plugging the cable line directly into the television without any intervening Spectrum Receivers (or other equivalent devices), such access would be competitively advantageous to those stations (since such access would come without the added monthly cost of one – or, more likely, multiple – Spectrum Receivers). Reliance on disparate means of delivering local must-carry stations to cable subscribers is contrary to the overriding goal of the statutory must-carry system, *i.e.*, to provide all local television stations a level playing field through which to reach potential viewers. Accordingly, Mauna Kea strongly urges the Commission to take appropriate steps not only to require *immediate* carriage of KLEI-TV on all Spectrum systems throughout the State of Hawaii (as contemplated in the 2012 *Carriage Order*), but also to require

² A later notice from Spectrum set the date by which Spectrum Receivers would need to be installed as February 13, 2018. *See* Attachment C.

³ A special, temporary offer from Spectrum will, for a limited time, make a single Spectrum Receiver available for free for one year.

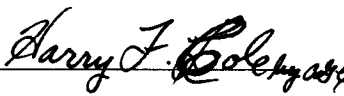
that KLEI-TV's signal be delivered to Spectrum subscribers in the same manner as all other must-carry stations.

CONCLUSION

Mauna Kea is clearly entitled to mandatory carriage of the signal of KLEI-TV on cable systems operated by Spectrum in the Honolulu DMA. Mauna Kea has properly elected mandatory carriage – twice – and has notified Spectrum that the one condition to carriage specified in the *Carriage Order* has been met. Spectrum has not provided any response to Mauna Kea since its receipt of Mauna Kea's notification on September 30, 2017, forcing Mauna Kea to renew its 2012 Complaint (and initiate a separate complaint process for 2018). For the reasons set forth herein, Mauna Kea hereby respectfully requests that the Commission order Spectrum to immediately commence carriage of the Station in accordance with the must carry rules and policies and the *Carriage Order* and consistently with its carriage of other over-the-air broadcast stations in the Hawaii DMA.

Respectfully submitted,

MAUNA KEA BROADCASTING COMPANY

/s/ Harry F. Cole 
 Harry F. Cole
 Daniel A. Kirkpatrick
 Its Counsel

FLETCHER, HEALD & HILDRETH, PLC
 1300 North 17th Street, Suite 1100
 Arlington, VA 22209
 (703) 812-0400

February 2, 2018

Attachment A

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554**

In re:)	
)	
Mauna Kea Broadcasting Company)	CSR-8658-M
)	Docket No. 12-167
Must-Carry Complaint Regarding)	
Television Station KLEI(DT),)	
Kailua Kona, Hawaii)	

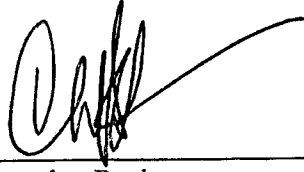
To: Office of the Secretary
Attn: Chief, Media Bureau

DECLARATION OF DR. CHRISTOPHER RACINE

1. My name is Dr. Christopher Racine. I am President of Mauna Kea Broadcasting Company, Inc. and involved in the day-to-day operations of KLEI-TV.
2. I have reviewed the foregoing Renewal of Must-Carry Complaint and I declare, under penalty of perjury, that all factual matters set forth therein are true to the best of my knowledge and belief. To the best of my knowledge, information, and belief formed after reasonable inquiry, the foregoing Renewal of Must-Carry Complaint is well grounded in fact; warranted by existing law or a good faith argument for the extension, modification or reversal of existing law; and is not interposed for any improper purpose.
3. On September 28, 2017, I sent the attached letter to Oceanic Time Warner Cable LLC d/b/a "Spectrum" ("Spectrum"), advising it that KLEI-TV delivers a good quality over-the-air signal to Spectrum's Honolulu headend through carriage on a multicast channel of Station KKAI. In that letter I also advised Spectrum that Mauna Kea was electing mandatory carriage of the signal of KLEI-TV on all cable systems operated by Spectrum in the Honolulu DMA during the election cycle expiring December 31, 2020.

4. I have not received any response from Spectrum to the letter advising that KLEI-TV provides a good quality over-the-air signal to Spectrum's headend and electing carriage for the next triennial must-carry election period.

5. I am a subscriber to the Spectrum cable system in Honolulu, on Oahu. As of January 30, I am able to access Spectrum's programming simply by plugging the cable line into the back of my television receivers, without the need for any intervening set-top box or similar device.



Dr. Christopher Racine
President
Mauna Kea Broadcasting Company, Inc.

Date: 02/02/18

MAUNA KEA BROADCASTING COMPANY, INC.

POST OFFICE BOX 8969, HONOLULU, HI 96830

(808) 591-1683 info@klei.tv

September 28, 2017

Via Certified Mail, Return Receipt Requested

No. 7016 3560 0000 2451 9463

Charter Communications, Inc.
200 Akamainui Street
Mililani, HI 96789
Attention: Greg Fujimoto, Sr. Vice-President

Re: KLEI-TV, Kailua-Kona, Hawaii; Mandatory Carriage Election

Dear Sir or Madam:

Pursuant to Section 614 of the Communications Act of 1934, as amended, and Section 76.64 of the rules of the Federal Communications Commission ("FCC"), this will inform you that Mauna Kea Broadcasting Company, Inc., the licensee of Television Station KLEI-TV, Kailua-Kona, Hawaii (the "Station") hereby elects mandatory carriage of the Station's television signal pursuant to Section 76.56(b) on all cable systems operated by Charter Communications, Inc. or its subsidiaries and affiliates serving the Honolulu Designated Market Area ("DMA") for the election period starting January 1, 2018 and ending December 31, 2020. The Station is licensed to Kailua-Kona, Hawaii, and is assigned to the Honolulu DMA. The Station therefore is entitled to elect mandatory carriage on all of your system(s) under the rules of the FCC and to have its programming delivered to all subscribers to your systems in the DMA.

Pursuant to Section 76.57(a) of FCC's rules, KLEI-TV elects to be carried on the Station's Virtual Channel; channel 6. The Station's programming is available over-the-air at your Kailua-Kona headend on RF and PSIP channel 25.1 The Station's programming is available over-the-air at your Honolulu headend on RF and PSIP channel 15.2

The Station's contact person and address for purposes of receiving official correspondence is as follows:

Mauna Kea Broadcasting Company, Inc.
Post Office Box 8969
Honolulu, HI 96830
Attention: Dr. Christopher J. Racine, President

Please contact the undersigned if you should have any questions concerning this matter.

Sincerely,



Dr. Christopher J. Racine
President

USPS Tracking® Results

[FAQs > \(http://faq.usps.com/?articleId=220900\)](http://faq.usps.com/?articleId=220900)[Track Another Package +](#)[Remove X](#)**Tracking Number:** 70163560000024519463**Delivered****Expected Delivery On:** Saturday, September 30, 2017 ⓘ

Product & Tracking Information

[See Available Actions](#)**Postal Product:**
First-Class Mail®**Features:**
Certified Mail™**See tracking for related item:**
9590940225936336305496
(/go/TrackConfirmAction?
tLabels=9590940225936336305496)

DATE & TIME	STATUS OF ITEM	LOCATION
September 30, 2017, 10:13 am	Delivered, Left with Individual	MILILANI, HI 96789



Your item was delivered to an individual at the address at 10:13 am on September 30, 2017 in MILILANI, HI 96789.

September 30, 2017, 9:59 am	In Transit to Destination	ON ITS WAY TO MILILANI, HI 96789
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DATE & TIME	STATUS OF ITEM	LOCATION
September 30, 2017, 7:46 am	Out for Delivery	MILILANI, HI 96789
September 30, 2017, 7:36 am	Sorting Complete	MILILANI, HI 96789
See More ▼		

Available Actions

Text & Email Updates



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs (<http://faq.usps.com/?articleId=220900>)

Attachment B

OCEANIC TIME WARNER CABLE IS NOW



ACTION REQUIRED
Avoid disruption to your TV service
 See important information below.

Dear Spectrum Customer,

Spectrum, formerly known as Oceanic Time Warner Cable, is committed to providing you with the very best products, at the very best value.

To deliver even more value to you, in 2018 we will be converting your TV service to a 100% digital format. In order to prepare for this upgrade, **you will be required to have digital equipment, like a Spectrum Receiver (or set-top-box), on each TV in your home by November 15, 2017 or you will lose the ability to view a number of channels.**

If you do not currently have a set-top-box or other digital equipment, you will be supplied with one Spectrum Receiver at no cost to you.* Call us at **643-9933**. We'll ship digital equipment directly to your home at no additional cost. Or you can pick one up from a nearby Spectrum Store (see below for the store locations near you).

The conversion to a 100% digital format will bring you many exciting enhancements to your TV service. It will allow us to deliver you an increase in HD channels as well as improve all TV channels with even better picture and sound quality. In addition, we will be able to offer you a more expansive lineup of channels, and provide exciting new products and services for you to enjoy—including access to thousands of FREE On Demand choices.

What will happen to current TV channels?

The Standard Cable channels in your area will only be available in a digital format as of **November 15, 2017**. Without digital equipment on each TV in your home on that date, you will no longer be able to view channels you were able to previously. **See the box to the right for important information on the specific channels that will be impacted.**

What should you do?

In order to avoid any disruptions in your service and to properly prepare for all of the benefits of 100% digital service, you'll need to contact us to order a Spectrum Receiver for each TV in your home.

NOTE: If you have an existing Oceanic Time Warner Cable set-top-box, Spectrum Receiver, digital transport adapter (DTA) or retail device with a CableCARD on each TV you are watching, you should be unaffected by this change.

Otherwise, **to order your Spectrum Receiver(s), please call 643-9933** and a Spectrum Customer Service Representative will arrange to ship a self-installation kit directly to your home at no additional cost. Professional installation is also available for a fee—ask the representative for details.

Thank you for being a Spectrum customer.

Sincerely,

R, Adam Ray

IMPORTANT CHANNEL INFORMATION

Beginning on or after **November 15, 2017**, if you currently connect your cable line directly into the back of your TV, you will lose the ability to view the channels listed below.

In order to continue to be able to view these channels, you can **call us at 643-9933**. We'll ship digital equipment directly to your home at no additional cost. Or you can pick one up from a nearby Spectrum Store.

- | | |
|--------------------|-----------------------|
| • KGMB – CBS | • MSNBC |
| • KHNL – NBC | • Spike |
| • KIKU – IND | • Bravo |
| • KHET – PBS | • FX |
| • KWHE – LeSea | • AMC |
| • Spectrum OC16 | • TNT |
| • HLN | • TCM |
| • CNN | • Travel Channel |
| • Fox News Channel | • HGTV |
| • Spectrum Sports | • Food Network |
| • MTV | • E! |
| • VH1 | • Comedy Central |
| • NBCSN | • Hallmark Channel |
| • Fox Sports West | • LMN |
| • ESPN2 | • Discovery Life |
| • ESPN | • Channel |
| • USA Network | • OWN |
| • The Golf Channel | • Lifetime |
| • Prime Ticket | • Discovery Channel |
| • Nickelodeon | • Animal Planet |
| • Disney Channel | • TLC |
| • Freeform | • History |
| • Cartoon Network | • National Geographic |
| • TV Land | • A&E |
| • SyFy | |

To view detailed channel lineups, please visit Spectrum.com/channels

Attachment C



Your TV service is going 100% digital!

See important information below.

Dear Customer,

Thank you for being a Spectrum customer. We are proud to be America's fastest-growing TV, Internet and Voice provider. Our employees are committed to delivering best-in-class products and customer service, all at a great price. To deliver even more value to you, we are converting your TV service to a 100% digital format.

You will be required to have a digital receiver on each TV in your home by February 13, 2018. To help with this transition, we will supply you with one Spectrum Receiver at no cost to you for up to the term of the current agreement between Spectrum and your apartment complex and one additional Spectrum Receiver at no cost for 12 months*. If you have recently upgraded your equipment no action is required.

What is happening to your service?

Spectrum is upgrading its entire channel lineup to a digital-only signal. This change will allow us to deliver you a substantial increase in HD channels as well as improve all TV channels with even better picture and sound quality. In addition, we will be able to offer you a more expansive lineup of channels, increase your Internet speed, and provide exciting new products and services for you to enjoy—including access to thousands of FREE On Demand choices.

Who will be affected?

Any customer who subscribes to TV service and connects their cable line directly into the back of their TV will lose picture on all channels.**

What will happen to your current TV channels?

Some channels will be added, other current channels will be moving to new locations and some channels will be removed, consistent with your level of service.

For your convenience, please find your new channel lineup on the following pages. It outlines the changes and will serve as a handy reference guide so you can easily find all of your new channels.

If you would like to add channels, we offer great packages at great prices. We will work with you to find the TV package that best fits your needs.

What should you do?

If you have an existing set-top box, digital receiver, or...

IMPORTANT NOTICE

How to request a self-installation kit:

1. Visit Spectrum.com/digitalnow today to easily order — it should only take a few minutes (see back for more details)
2. Call 808-643-2727 to speak with a Spectrum Representative
3. Go to your nearest Spectrum Store:

Ward

940 Auahi Street 2nd floor
Honolulu, HI 96814
Monday - Saturday 8:30 AM - 6 PM

Expanded Store Hours:

Feb 6th- Feb 20th, Feb 27th-Mar 20th, Apr 3rd-Apr 17,
May 1st-May 15th
Monday - Friday 8 AM-7 PM, Saturday 8 AM-6 PM

Mililani

200 Akamainui Street
Mililani, HI 96789
Monday - Friday 7:30 AM - 6 PM
Saturday 8 AM - 4:30 PM

Expanded Store Hours:

Jan 30th-Feb 13th, Feb 20th-Mar 6th, Mar 13th-Apr 10th,
Apr 17th-May 8th
Monday - Friday 7:30 AM-7 PM, Saturday 8 AM-6 PM



On February 13, 2018, Charter will start encrypting the Basic Service Tier offering on your cable system. If you have a set-top box, digital transport adapter (DTA), or a retail CableCARD device connected to each of your TVs, you will be unaffected by this change. However, if you are currently receiving the Basic Service Tier offering on any TV without digital equipment, you will lose the ability to view any channels on that TV. If you are affected, you should contact Charter to arrange for a limited period of time. The number and type of devices you are receiving your services. In such cases, you are entitled to receive equipment at no additional charge or service fee for a limited period of time. If you are a Basic Service Tier offering customer and receive the service on your TV without digital equipment, Charter will provide you up to two devices for two years (five years if you also receive Medical). If you subscribe to a higher level of service and receive the Basic Service Tier offering on a secondary TV without digital equipment, Charter will provide you one device for one year. You can learn more about this equipment offer and eligibility at Spectrum.com/digitalnow or by calling 808-643-2727. To qualify for any equipment at no additional charge or service fee, you must request the equipment between February 6, 2018 and June 13, 2018 and satisfy all other eligibility requirements. TV: Programming may vary. Channels, Tiers and Packaging subject to change. Services not available in all areas. Digital set-top box or CableCARD required to view programming channels. Digital set-top box required to view PPV and On Demand programming (where available). HD capable equipment required to view HD programming (where available). All programming may not be available to CableCARD customers. All service levels may contain some with some R-rated programming, which can be blocked using the Parental Control feature on your on-screen program guide. Account credentials may be required to stream some TV content online. INTERNET: Available Internet speeds may vary by address. VOICE: Unlimited calling includes calls within the U.S., Canada, Mexico, Puerto Rico, Guam, the Virgin Islands and more. Taxes and fees included in price. ©2017 Charter Communications.

Your channel lineup.

Effective February 13, 2018



All the below channels are accessible with Spectrum Receivers. All NEW HD channels are indicated where applicable. Only channels 2-99 are accessible using digital transport adapter (DTA) equipment. Order your Spectrum Receivers to receive the entire channel lineup on all your TVs.

Programming Services	Current Channel Number & Tier	New Channel Number & Tier
Leased Access	63 Basic TV Service / Basic Service	131 Basic TV Service / Basic Service
Lifestyle Network	380 International Premium	683 International Premium
Lifestyles On Demand	969 Digital Variety Pak / Video On Demand / Spectrum Select	969 Digital Variety Pak / Video On Demand / Spectrum Select
Lifetime	448 Standard TV Service / Spectrum Select	96, 448 Standard TV Service / Spectrum Select
Lifetime HD	1448 Standard TV Service / Spectrum Select	1448 Standard TV Service / Spectrum Select
Lifetime Real Women	450 Digital Variety Pak / Digi Tier 1	450 Digital Variety Pak / Digi Tier 1
LMN	449 Standard TV Service / Digi Tier 1	449 Standard TV Service / Digi Tier 1
LMN HD	1449 Standard TV Service / Digi Tier 1	1449 Standard TV Service / Digi Tier 1
Local PPV Events	260 Pay-Per-View	260 Pay-Per-View
Local PPV Events HD	1260 Pay-Per-View	1260 Pay-Per-View
LOGO	542 Digital Variety Pak / Digi Tier 1	542 Digital Variety Pak / Digi Tier 1
Mainhandle	731 Premium Services / Subscription Services	731 Premium Services / Subscription Services
Mainhandle On Demand	732 Premium Services / Subscription Services	732 Premium Services / Subscription Services
Nav TV	1603 HD Entertainment Pak / Digi Tier 2	1249 HD Entertainment Pak / Digi Tier 2
MC: Hawaiian	800 Music Choice	800 Music Choice
Mexican	NEW! HD Entertainment Pak	1832 HD Entertainment Pak
MGM HD	1564 Digital Variety Pak / Digi Tier 2	1564 Digital Variety Pak / Digi Tier 2
Military History	346 Digital Variety Pak / Digi Tier 2	346 Digital Variety Pak / Digi Tier 2
MLB Extra Innings	761-774 Pay-Per-View	761-774 Pay-Per-View
MLB Extra Innings HD	1761 Pay-Per-View	1762 Pay-Per-View
MLB Network	2062 Digital Variety Pak / Digi Tier 1	2062 Digital Variety Pak / Digi Tier 1
MLB Network HD	1208 Digital Variety Pak / Digi Tier 1	1208 Digital Variety Pak / Digi Tier 1
MLB Strike Zone	1209 Sports Pass / Digi Tier 2	1209 Sports Pass / Digi Tier 2
Mnet	77 Digital Variety Pak / Digi Tier 1	77 Digital Variety Pak / Digi Tier 1
MoreMAX	623 Cinemax Premium	623 Cinemax Premium
MoreMAX HD	1623 Cinemax Premium	1623 Cinemax Premium
MovieFlex HD	1662 Digi Tier 2	1662 Digi Tier 2
Movies On Demand	1, 620, 990 Video On Demand	1, 620, 990 Video On Demand
Movies On Demand HD	1990 Video On Demand	1990 Video On Demand
Movies On Demand Hits	991 Video On Demand	991 Video On Demand
Movies On Demand Kids & Teens	992 Video On Demand	992 Video On Demand
Movies On Demand Top 10	980-989 Video On Demand	980-989 Video On Demand
Movies On Demand Top 10 HD	1980-1989 Video On Demand	1980-1989 Video On Demand
MSNBC	107 Standard TV Service / Spectrum Select	43, 107 Standard TV Service / Spectrum Select
MSNBC HD	1107 Standard TV Service / Spectrum Select	1107 Standard TV Service / Spectrum Select
MTV	593 Standard TV Service / Spectrum Select	593 Standard TV Service / Spectrum Select
MTV Classic	589 Digital Variety Pak / Digi Tier 2	589 Digital Variety Pak / Digi Tier 2
MTV HD	NEW! Standard TV Service / Spectrum Select	1592 Standard TV Service / Spectrum Select
MTV Live	1593 Digital Variety Pak / Digi Tier 2	1593 Digital Variety Pak / Digi Tier 2
MTV On Demand	941 Digital Variety Pak / Video On Demand	941 Digital Variety Pak / Video On Demand
MTV2	595 Digital Variety Pak / Digi Tier 2	595 Digital Variety Pak / Digi Tier 2
MTV2 HD	NEW! Digital Variety Pak / Digi Tier 2	1595 Digital Variety Pak / Digi Tier 2
Multimedios HD	NEW! Music Choice	1885 Music Choice
Music Choice On Demand	943 Digital Variety Pak / Video On Demand	943 Digital Variety Pak / Video On Demand
MYX TV	76, 684 Digital Variety Pak / International Premium / Digi Tier 1	76, 684 Digital Variety Pak / International Premium / Digi Tier 1
Nat Geo Mundo	NEW! 1833 Latino View	1833 Latino View
Nat Geo Wild	561 Digital Variety Pak / Digi Tier 1	348 Digital Variety Pak / Digi Tier 1
Nat Geo Wild HD	1561 Digital Variety Pak / Digi Tier 1	1348 Digital Variety Pak / Digi Tier 1
National Geographic	347 Standard TV Service / Spectrum Select	92, 347 Standard TV Service / Spectrum Select
National Geographic HD	1347 Standard TV Service / Spectrum Select	1347 Standard TV Service / Spectrum Select
NBA League Pass	1751-760 Pay-Per-View	1751-760 Pay-Per-View
NBA League Pass HD	1751 Pay-Per-View	1751 Pay-Per-View
NBA TV	242 Sports Pass, Digital Variety Pak / Digi Tier 1	242 Sports Pass, Digital Variety Pak / Digi Tier 1
NBA TV HD	1242 HD Entertainment Pak / Digi Tier 1	1242 HD Entertainment Pak / Digi Tier 1
NBC Universo	696 Spanish Package / Digi Tier 1, Latino View	696 Spanish Package / Digi Tier 1, Latino View
NBC Universo HD	NEW! 1886 Spanish Package / Digi Tier 1, Latino View	1886 Spanish Package / Digi Tier 1, Latino View
NBCSN	210 Standard TV Service / Spectrum Select	88, 210 Standard TV Service / Spectrum Select
NBCSN HD	1210 HD Entertainment Pak / Spectrum Select	1210 HD Entertainment Pak / Spectrum Select
NewsChoice	112 Digital Variety Pak / Basic Service	112 Digital Variety Pak / Basic Service
NFL Network	203 Sports Pass, Digital Variety Pak / Digi Tier 1, Digi Tier 2	203 Sports Pass, Digital Variety Pak / Digi Tier 1, Digi Tier 2
NFL Network HD	1203 Sports Pass, Digital Variety Pak / Digi Tier 1, Digi Tier 2	1203 Sports Pass, Digital Variety Pak / Digi Tier 1, Digi Tier 2
NFL RedZone	204 Sports Pass / Digi Tier 2	204 Sports Pass / Digi Tier 2
NFL RedZone HD	1204 Sports Pass / Digi Tier 2	1204 Sports Pass / Digi Tier 2
Nick	677 International Premium	677 International Premium
Nick HD	1677 International Premium	1677 International Premium
Nick On Demand	680 Video On Demand	680 Video On Demand
NickG3	679 International Premium	679 International Premium
NickG3 HD	1679 International Premium	1679 International Premium
NickG4 (NHK World)	682 International Premium Digital Variety Pak / International Premium	682 International Premium Digital Variety Pak / International Premium
NickG4 HD (NHK World)	1682 International Premium Digital Variety Pak / HD Entertainment Pak / International Premium	1682 International Premium Digital Variety Pak / HD Entertainment Pak / International Premium
NHL Network	240 Sports Pass / Digi Tier 2	240 Sports Pass / Digi Tier 2
NHL Network HD	1240 Sports Pass / Digi Tier 2	1240 Sports Pass / Digi Tier 2
Nick Jr.	447 Digital Variety Pak / Digi Tier 1	447 Digital Variety Pak / Digi Tier 1
Nick Jr. HD	1447 Digital Variety Pak / Digi Tier 1	1447 Digital Variety Pak / Digi Tier 1
Nick Music	592 Digital Variety Pak / Digi Tier 2	592 Digital Variety Pak / Digi Tier 2
Nickelodeon	446 Standard TV Service / Spectrum Select	446 Standard TV Service / Spectrum Select
Nickelodeon HD	NEW! 1446 Standard TV Service / Spectrum Select	1446 Standard TV Service / Spectrum Select
Nicktoons	434 Digital Variety Pak / Digi Tier 2	434 Digital Variety Pak / Digi Tier 2
Nicktoons HD	1434 Digital Variety Pak / Digi Tier 2	1434 Digital Variety Pak / Digi Tier 2
NOAA	880 Music Choice	880 Music Choice
Owl	326 Digital Variety Pak / Basic Service	326 Digital Variety Pak / Basic Service
Owl HD	1326 Digital Variety Pak / Basic Service	1326 Digital Variety Pak / Basic Service
Olelo On Demand	52 Basic TV Service / Basic Service	184 Basic TV Service / Basic Service
Olelo: FOCUS	49 Basic TV Service / Basic Service	182 Basic TV Service / Basic Service
Olelo: NATV	53 Basic TV Service / Basic Service	185 Basic TV Service / Basic Service
Olelo: OAHV	55 Basic TV Service / Basic Service	187 Basic TV Service / Basic Service
Olelo: VIEWS	54 Basic TV Service / Basic Service	186 Basic TV Service / Basic Service
Olympic Channel HD	1202 Digi Tier 1	1202 Digi Tier 1

Programming Services	Current Channel Number & Tier	New Channel Number & Tier
Pac-12 Network - Washington	1235 Sports Pass / Digi Tier 2	1235 Sports Pass / Digi Tier 2
PAC-12 Network HD	1232 Sports Pass / Digi Tier 2	1232 Sports Pass / Digi Tier 2
Paramount Network	559 Standard TV Service / Spectrum Select	559 Standard TV Service / Spectrum Select
Paramount Network HD	1559 Standard TV Service / Spectrum Select	1559 Standard TV Service / Spectrum Select
Penthouse On Demand	721 Premium Services / Subscription Services	721 Premium Services / Subscription Services
Penthouse TV	720 Premium Services / Subscription Services	720 Premium Services / Subscription Services
PETS	919 Basic TV Service / Basic Service	919 Basic TV Service / Basic Service
Phoenix InfoNews	73 International Premium	73 International Premium
Phoenix North America	72 International Premium	72 International Premium
Playboy en Español	716 Premium Services / Subscription Services	716 Premium Services / Subscription Services
Playboy en Español HD	NEW! 1716 Premium Services / Subscription Services	1716 Premium Services / Subscription Services
Playboy On Demand	718 Premium Services / Subscription Services	718 Premium Services / Subscription Services
Playboy TV	717 Premium Services / Subscription Services	717 Premium Services / Subscription Services
Playboy TV HD	1717 Premium Services / Subscription Services	1717 Premium Services / Subscription Services
POP	540 Digital Variety Pak / Digi Tier 2	540 Digital Variety Pak / Digi Tier 2
POP HD	NEW! 1540 Digital Variety Pak / Digi Tier 2	1540 Digital Variety Pak / Digi Tier 2
PPV Highlights	700 Basic TV Service / Basic Service	700 Basic TV Service / Basic Service
Prime Ticket	228 Standard TV Service / Spectrum Select	87, 228 Standard TV Service / Spectrum Select
Prime Ticket HD	1228 Standard TV Service / Spectrum Select	1228 Standard TV Service / Spectrum Select
Primitime On Demand	17, 975, 1017, 1975 Basic TV Service / Basic Service	975, 1975 Basic TV Service / Basic Service
QVC	2, 153 Basic TV Service / Basic Service	153 Basic TV Service / Basic Service
QVC 2	151 Digital Variety Pak / Spectrum Select	151 Digital Variety Pak / Spectrum Select
QVC 2 HD	NEW! 1151 Digital Variety Pak / Spectrum Select	1151 Digital Variety Pak / Spectrum Select
QVC HD	1153 Basic TV Service, Standard TV Service / Basic Service	1153 Basic TV Service, Standard TV Service / Basic Service
RNC Nuestra Tele	NEW! 1834 Latino View	1834 Latino View
REAL	724 Premium Services / Subscription Services	724 Premium Services / Subscription Services
REAL HD	735 Pay-Per-View	735 Pay-Per-View
REAL On Demand	725 Premium Services / Subscription Services	725 Premium Services / Subscription Services
Reelz Channel	546 Basic TV Service / Digi Tier 1	546 Basic TV Service / Digi Tier 1
Reelz Channel HD	NEW! 1546 Basic TV Service / Digi Tier 1	1546 Basic TV Service / Digi Tier 1
RetroFlex	601 Digi Tier 2	601 Digi Tier 2
RetroFlex HD	1601 Digi Tier 2	1601 Digi Tier 2
Revenue Frontier	157, 788 Basic TV Service / Spectrum Select	157, 788 Basic TV Service / Spectrum Select
Renoit	584 Digital Variety Pak / Digi Tier 1	584 Digital Variety Pak / Digi Tier 1
REVOLT HD	1584 Digital Variety Pak / Digi Tier 1	1584 Digital Variety Pak / Digi Tier 1
RFD TV	211 Digital Variety Pak / Digi Tier 1	211 Digital Variety Pak / Digi Tier 1
RFD TV HD	1211 Digital Variety Pak / Digi Tier 1	1211 Digital Variety Pak / Digi Tier 1
Ritmocon	NEW! 1835 Latino View	1835 Latino View
RLTV	169 Digital Variety Pak	169 Digital Variety Pak
SBTN	62 International Premium	62 International Premium
Scenic Hawaii HD	1001 HD Entertainment Pak / Digi Tier 2	1001 HD Entertainment Pak / Digi Tier 2
Science Channel	337, 788 Digital Variety Pak, Family Choice / Digi Tier 2	337, 788 Digital Variety Pak, Family Choice / Digi Tier 2
Science Channel HD	1337 Digital Variety Pak / Digi Tier 2	1337 Digital Variety Pak / Digi Tier 2
SEC Extra	219 Standard TV Service / Spectrum Select	86, 219 Standard TV Service / Spectrum Select
SEC Extra HD	NEW! 1219 Standard TV Service / Spectrum Select	1219 Standard TV Service / Spectrum Select
SEC Network	220 Standard TV Service / Spectrum Select	85, 220 Standard TV Service / Spectrum Select
SEC Network HD	1220 Standard TV Service / Spectrum Select	1220 Standard TV Service / Spectrum Select
Semiltras	NEW! 1836 Latino View	1836 Latino View
SHO 2	634 Showtime Premium	634 Showtime Premium
SHO 2 HD	1634 Showtime Premium	1634 Showtime Premium
Shop LC	156 Basic TV Service / Spectrum Select	156 Basic TV Service / Spectrum Select
Shop Zee 2 - Inspiration	162 Basic TV Service / Spectrum Select	162 Basic TV Service / Spectrum Select
Shop Zee 9	155 Basic TV Service / Spectrum Select	155 Basic TV Service / Spectrum Select
Showtime	633 Showtime Premium	633 Showtime Premium
Showtime HD	1633 Showtime Premium	1633 Showtime Premium
Showtime Beyond	637 Showtime Premium	637 Showtime Premium
Showtime Beyond HD	NEW! 1637 Showtime Premium	1637 Showtime Premium
Showtime Extreme	636 Showtime Premium	636 Showtime Premium
Showtime Extreme HD	NEW! 1636 Showtime Premium	1636 Showtime Premium
Showtime Family Zone	640 Showtime Premium	640 Showtime Premium
Showtime Next	638 Showtime Premium	638 Showtime Premium
Showtime On Demand	632, 1632 Showtime Premium	632, 1632 Showtime Premium
Showtime Showcase	635 Showtime Premium	635 Showtime Premium
Showtime Showcase HD	1635 Showtime Premium	1635 Showtime Premium
Showtime Women	639 Showtime Premium	639 Showtime Premium
Smithsonian Channel	339 Digital Variety Pak / Digi Tier 1	339 Digital Variety Pak / Digi Tier 1
Smithsonian Channel HD	1339 Digital Variety Pak, HD Entertainment Pak / Digi Tier 1	1339 Digital Variety Pak, HD Entertainment Pak / Digi Tier 1
Sonlife	406 Standard TV Service / Spectrum Select	32, 406 Standard TV Service / Spectrum Select
Sonlife HD	1406 Standard TV Service / Spectrum Select	1406 Standard TV Service / Spectrum Select
Spectrum OC16	1215 Basic TV Service / Basic Service	16 Basic TV Service / Basic Service
Spectrum OC16 HD	1012 Basic TV Service / Basic Service	1016 Basic TV Service / Basic Service
Spectrum OC16 Interactive	13 Basic TV Service / Basic Service	15 Basic TV Service / Basic Service
Spectrum OC16	1013 Basic TV Service / Basic Service	1015 Basic TV Service / Basic Service
Spectrum OC16 On Demand	14, 951, 1014 Basic TV Service / Basic Service	14, 951, 1014 Basic TV Service / Basic Service
Spectrum Sports	16, 215 Standard TV Service / Spectrum Select	12, 215 Standard TV Service / Spectrum Select
Spectrum Sports Enhanced Interactive	15 Basic TV Service / Basic Service	13 Basic TV Service / Basic Service
Spectrum Sports Enhanced Interactive HD	1015 Basic TV Service / Basic Service	1013 Basic TV Service / Basic Service
Spectrum Sports PPV	1016, 1215 Standard TV Service / Spectrum Select	1012, 1215 Standard TV Service / Spectrum Select
Spectrum Sports PPV HD	1255, 256 Pay-Per-View	255, 256 Pay-Per-View
Spectrum SportsNet	218, 400 Standard TV Service / Spectrum Select	218, 400 Standard TV Service / Spectrum Select
Spectrum SportsNet HD	1218, 1400 Standard TV Service / Spectrum Select	1218, 1400 Standard TV Service / Spectrum Select
Spectrum SportsNet 217	217 Standard TV Service / Spectrum Select	217 Standard TV Service / Spectrum Select
Spectrum SportsNet 217 HD	NEW! 1217 Standard TV Service / Spectrum Select	1217 Standard TV Service / Spectrum Select

Programming Services	Current Channel Number & Tier	New Channel Number & Tier
Starz On Demand	654, 1654 Starz Premium	654, 1654 Starz Premium
Starz Encore	666 Starz Encore Pass, Movie Pass / Starz Encore Premium	666 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore HD	1666 Starz Encore Pass, Movie Pass / Starz Encore Premium	1666 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Action	1667 Starz Encore Pass, Movie Pass / Starz Encore Premium	1667 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Action HD - East	1667 Starz Encore Pass, Movie Pass / Starz Encore Premium	1667 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Action - West	667 Starz Encore Pass, Movie Pass / Starz Encore Premium	667 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Black HD - East	1670 Starz Encore Pass, Movie Pass / Starz Encore Premium	1670 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Black - West	670 Starz Encore Pass, Movie Pass / Starz Encore Premium	670 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Classic HD - East	1668 Starz Encore Pass, Movie Pass / Starz Encore Premium	1668 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Classic - West	668 Starz Encore Pass, Movie Pass / Starz Encore Premium	668 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Family	672 Starz Encore Pass, Movie Pass / Starz Encore Premium	672 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore On Demand	665, 1665 Starz Encore Premium	665, 1665 Starz Encore Premium
Starz Encore Suspense	1669 Starz Encore Pass, Movie Pass / Starz Encore Premium	1669 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Suspense - West	669 Starz Encore Pass, Movie Pass / Starz Encore Premium	669 Starz Encore Pass, Movie Pass / Starz Encore Premium
Starz Encore Westerns	671 Starz Encore Pass, Movie Pass / Starz Encore Premium	671 Starz Encore Pass, Movie Pass / Starz Encore Premium
Sundance TV	646 Standard TV Service, Digital Variety Pak, Movie Pass, TMC Premium / Spectrum Select, Digi Tier 1	24, 646 Standard TV Service, Digital Variety Pak, Movie Pass, TMC Premium / Spectrum Select, Digi Tier 1
Sundance TV HD	1646 Standard TV Service, Digital Variety Pak, Movie Pass, TMC Premium / Spectrum Select, Digi Tier 1	1646 Standard TV Service, Digital Variety Pak, Movie Pass, TMC Premium / Spectrum Select, Digi Tier 1
Super Canal HD	NEW! 1887 Latino View	1887 Latino View
Sur Peru	NEW! 1837 Latino View	1837 Latino View
SYFY	557 Standard TV Service / Spectrum Select	99, 557 Standard TV Service / Spectrum Select
SYFY HD	1557 HD Entertainment Pak / Spectrum Select	1557 HD Entertainment Pak / Spectrum Select
TBS Enlace	NEW! 1838 Latino View	1838 Latino View
TBS	551 Basic TV Service / Spectrum Select, Mi Plan Latino	61, 551 Basic TV Service / Spectrum Select, Mi Plan Latino
TBS HD	1551 Basic TV Service, HD Entertainment Pak / Spectrum Select, Mi Plan Latino	1551 Basic TV Service, HD Entertainment Pak / Spectrum Select, Mi Plan Latino
TCM	602 Standard TV Service / Digi Tier 1	602 Standard TV Service / Digi Tier 1
TCM HD	1602 HD Entertainment Pak / Digi Tier 1	1602 HD Entertainment Pak / Digi Tier 1
TEACH/DOE	356 Basic TV Service / Basic Service	356 Basic TV Service / Basic Service
TeenNick	436, 793 Digital Variety Pak, Family Choice / Digi Tier 2	436, 793 Digital Variety Pak, Family Choice / Digi Tier 2
Tole El Salvador	NEW! 1839 Latino View	1839 Latino View
TeleFormula HD	NEW! 1888 Latino View	1888 Latino View
Telehit	NEW! 1840 Latino View	1840 Latino View
Telemicro	NEW! 1841 Latino View	1841 Latino View
Telemundo	695 Spanish Package / Latino View	695, 1810 Spanish Package / Latino View
Televi	NEW! 1807 Latino View	1807 Latino View
Television Dominicana	NEW! 1843 Latino View	1843 Latino View
TEN On Demand	723 Premium Services / Subscription Services	723 Premium Services / Subscription Services
Tennis Channel	243 Sports Pass, Digital Variety Pak / Digi Tier 1	243 Sports Pass, Digital Variety Pak / Digi Tier 1
Tennis Channel HD	1243 Sports Pass, Digital Variety Pak / Digi Tier 1	1243 Sports Pass, Digital Variety Pak / Digi Tier 1
ThrillerMAX	625 Cinemax Premium	625 Cinemax Premium
ThrillerMAX HD	NEW! 1625 Cinemax Premium	1625 Cinemax Premium
TLC	331 Standard TV Service / Spectrum Select, Mi Plan Latino	63, 331 Standard TV Service / Spectrum Select, Mi Plan Latino
TLC HD	1331 Standard TV Service / Spectrum Select, Mi Plan Latino	1331 Standard TV Service / Spectrum Select, Mi Plan Latino
TMC	1644 TMC Premium	1644 TMC Premium
TMC HD	644 TMC Premium	644 TMC Premium
TMC On Demand	643 TMC Premium	643 TMC Premium
TMC XTRA	645 TMC Premium	645 TMC Premium
TMC XTRA HD	1645 TMC Premium	1645 TMC Premium
TNT	553 Standard TV Service / Spectrum Select, Mi Plan Latino	33, 553 Standard TV Service / Spectrum Select, Mi Plan Latino
TNT HD	1553 Standard TV Service, HD Entertainment Pak / Spectrum Select, Mi Plan Latino	1553 Standard TV Service, HD Entertainment Pak / Spectrum Select, Mi Plan Latino
Ti3s	570 Digi Tier 2, Latino View	570, 1808 Digi Tier 2, Latino View
Travel Channel	325 Standard TV Service / Digi Tier 1	325 Standard TV Service / Digi Tier 1
Travel Channel HD	1325 Standard TV Service / Digi Tier 1	1325 Standard TV Service / Digi Tier 1
truTV	119 Standard TV Service / Spectrum Select	65, 550 Standard TV Service / Spectrum Select
truTV HD	NEW! 1550 Standard TV Service / Spectrum Select	1550 Standard TV Service / Spectrum Select
TV Chile	NEW! 1842 Latino View	1842 Latino View
TV Japan	678 International Premium	678 International Premium
TV Japan HD	1678 International Premium	1678 International Premium
TV Land	441 Standard TV Service / Spectrum Select	441 Standard TV Service / Spectrum Select
TV Land HD	NEW! 1441 Standard TV Service / Spectrum Select	1441 Standard TV Service / Spectrum Select
TV One HD	1566 Digi Tier 1	1566 Digi Tier 1
TV Venezuela	NEW! 1844 Latino View	1844 Latino View
TVE Internacional	NEW! 1845 Latino View	1845 Latino View
TVG	218 Sports Pass / Digi Tier 2	213 Sports Pass / Digi Tier 2
TVK	75 Digital Variety Pak / Digi Tier 1	75 Digital Variety Pak / Digi Tier 1
TVK2	74 Digital Variety Pak / Digi Tier 1	74 Digital Variety Pak / Digi Tier 1
UH Distance Learning On Demand	358 Basic TV Service / Basic Service	358 Basic TV Service / Basic Service
UH ITV	254, 1254 Video On Demand / Basic Service	254, 1254 Video On Demand / Basic Service
UHTV	354 Basic TV Service / Basic Service	354 Basic TV Service / Basic Service
UHTV HD	355 Basic TV Service / Basic Service	355 Basic TV Service / Basic Service
Ultra One HD	NEW! 1889 Latino View	1889 Latino View
Ultra Gósto HD	NEW! 1890 Latino View	1890 Latino View
Ultra Ocu HD	NEW! 1891 Latino View	1891 Latino View
Ultra Familia HD	NEW! 1892 Latino View	1892 Latino View
Ultra Fiesta HD	NEW! 1893 Latino View	1893 Latino View
Ultra Kids HD	NEW! 1894 Latino View	1894 Latino View
Ultra Macho HD	NEW! 1895 Latino View	1895 Latino View
Ultra Mex HD	NEW! 1896 Latino View	1896 Latino View
UnilMas HD	1572 Latino View	1572 Latino View
Universal Kids	428 Digital Variety Pak / Digi Tier 1	428 Digital Variety Pak / Digi Tier 1
Universal Kids HD	1428 Digital Variety Pak / Digi Tier 1	1428 Digital Variety Pak / Digi Tier 1
Univision	1571 Digital Variety Pak / Digi Tier 1, Latino View	1571 Digital Variety Pak / Digi Tier 1, Latino View
Univision Deportes HD	1571 Digi Tier 1, Latino View	1572 Digi Tier 1, Latino View
Univision HD	1035 Digital Variety Pak / Digi Tier 1, Latino View	1035 Digital Variety Pak / Digi Tier 1, Latino View
Univision thovelas	698 Spanish Package / Latino View	698, 1851 Spanish Package / Latino View
UP	407 Digital Variety Pak / Digi Tier 1	407 Digital Variety Pak / Digi Tier 1

CERTIFICATE OF SERVICE

I hereby certify that on this 2nd day of February, 2018, I caused copies of the foregoing "Renewal of Must Carry Complaint" to be placed in the U.S. mail, postage prepaid, addressed to the following:

Oceanic Time Warner Cable LLC d/b/a Spectrum
200 Akamainui Street
Mililani, HI 96789

Oceanic Time Warner Cable LLC d/b/a Spectrum
12405 Powerscourt Drive
St. Louis, MO 63131

/s/ Harry F. Cole *Harry F. Cole*
Harry F. Cole